

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004257

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B6/16 G02B6/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 345 069 A (FITEL USA CORP A DELAWARE CORP) 17 September 2003 (2003-09-17) paragraphs '0017!, '0019!, '0020! -----	1-43
A	US 6 576 345 B1 (LAXMAN RAVI KUMAR ET AL) 10 June 2003 (2003-06-10) -----	
A	US 2002/137260 A1 (DENG YANPEI ET AL) 26 September 2002 (2002-09-26) -----	
A	PAVESI L ET AL: "OPTICAL GAIN IN SILICON NANOCRYSTALS" NATURE, MACMILLAN JOURNALS LTD. LONDON, GB, vol. 408, no. 6811, 23 November 2000 (2000-11-23), pages 440-444, XP001069027 ISSN: 0028-0836 ----- -/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *E* earlier document but published on or after the international filing date
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- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the International search report
24 January 2005	07/02/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Verbandt, Y

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PAVESI L: "Will silicon be the photonic material of the third millennium?" JOURNAL OF PHYSICS: CONDENSED MATTER IOP PUBLISHING UK, vol. 15, no. 26, 20 June 2003 (2003-06-20), pages R1169-R1196, XP002314301 ISSN: 0953-8984 -----	

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1345069	A	17-09-2003	US EP	2003174985 A1 1345069 A2		18-09-2003 17-09-2003
US 6576345	B1	10-06-2003		NONE		
US 2002137260	A1	26-09-2002	WO US CA EP	03063225 A2 2003087485 A1 2439812 A1 1466354 A2		31-07-2003 08-05-2003 31-07-2003 13-10-2004